

FIG. 1

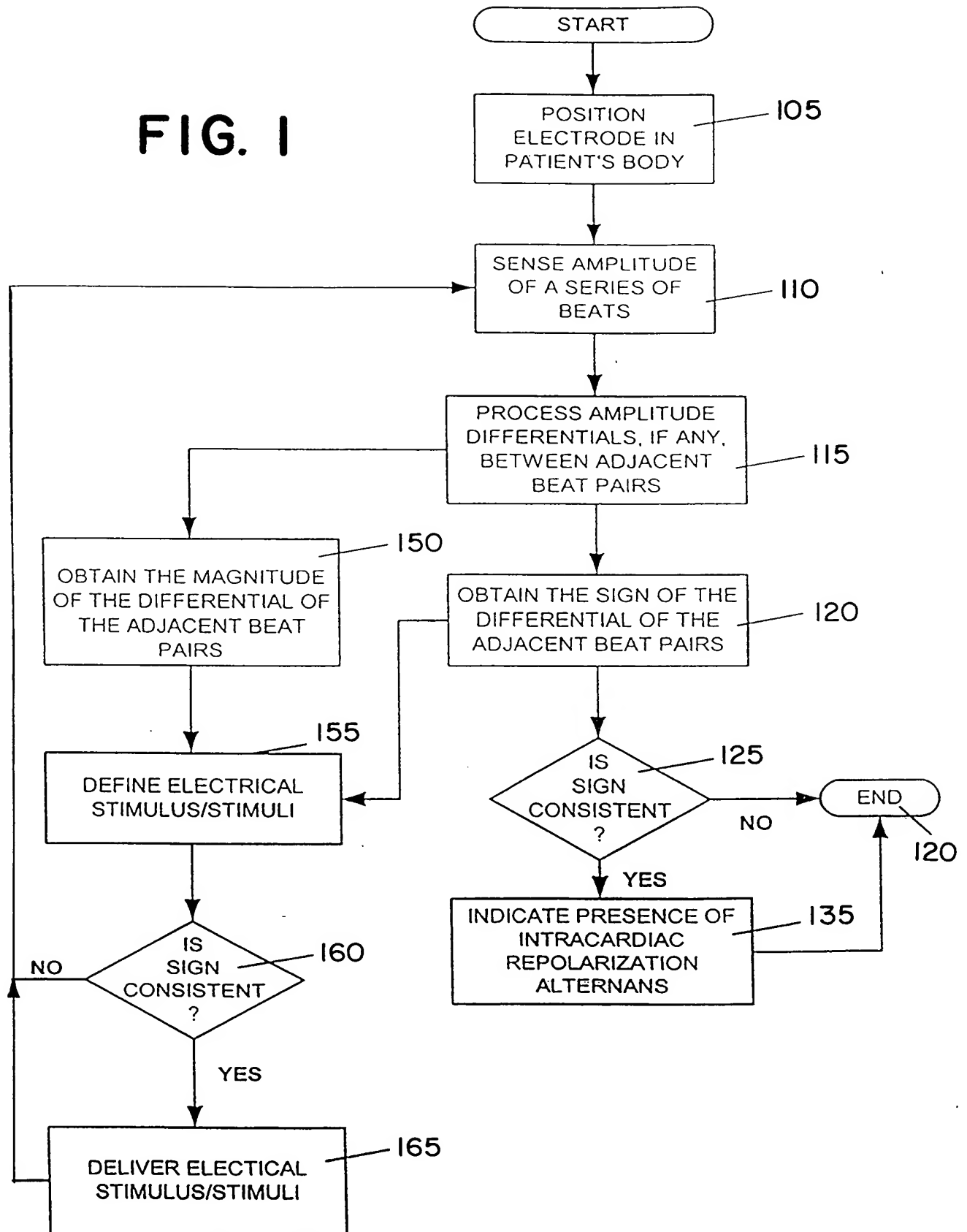


FIG. 2A

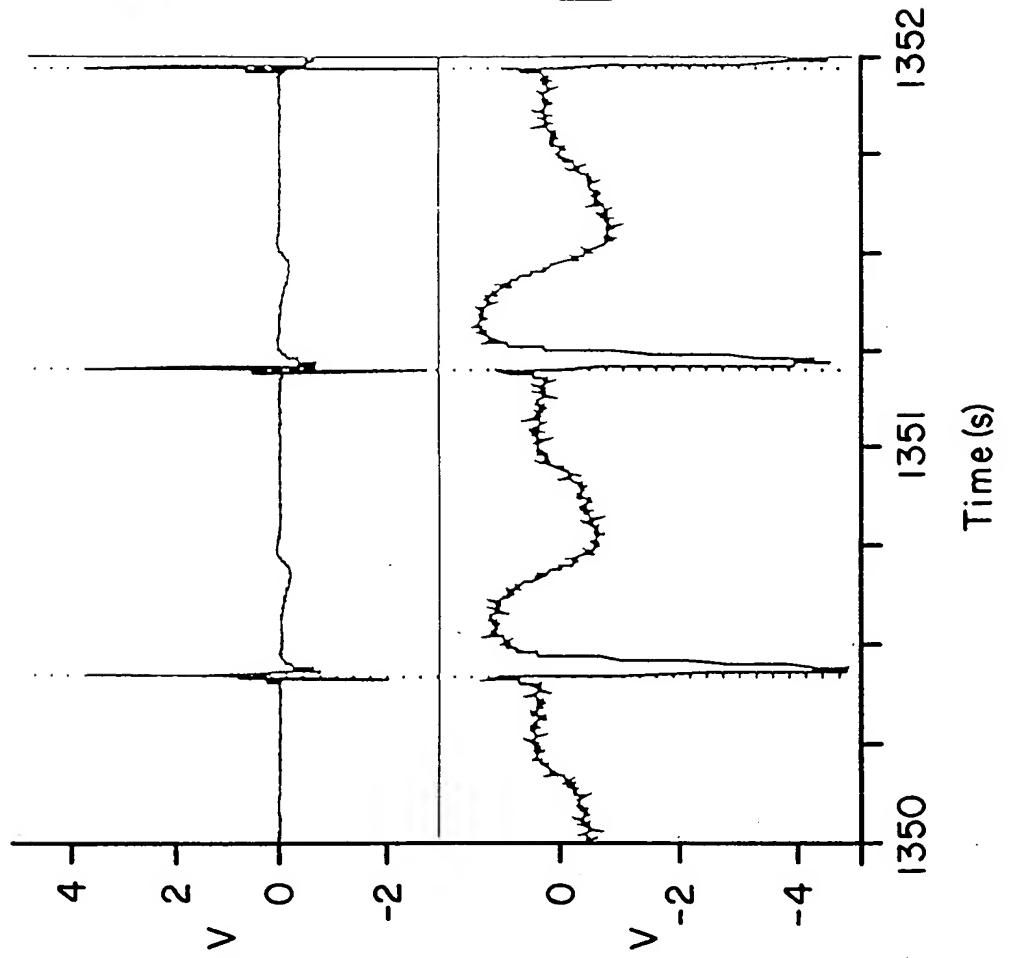


FIG. 2B

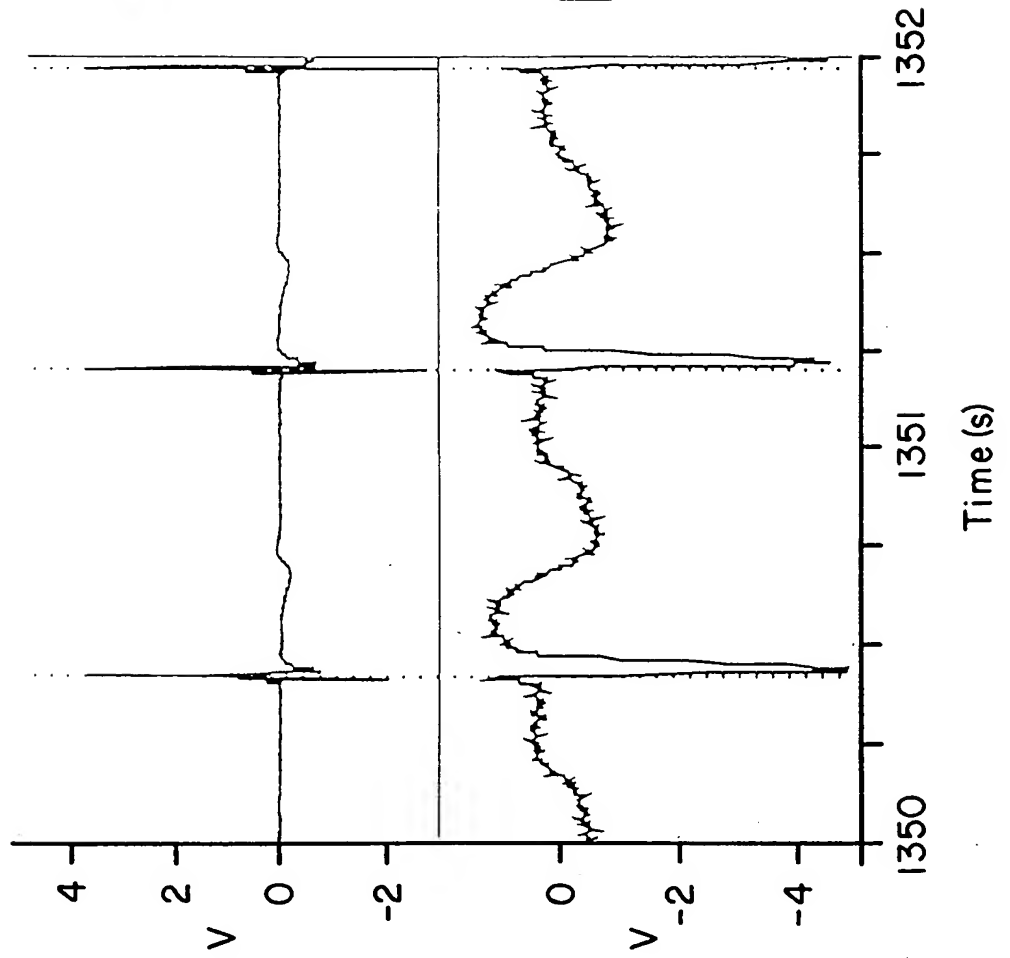


FIG. 3A

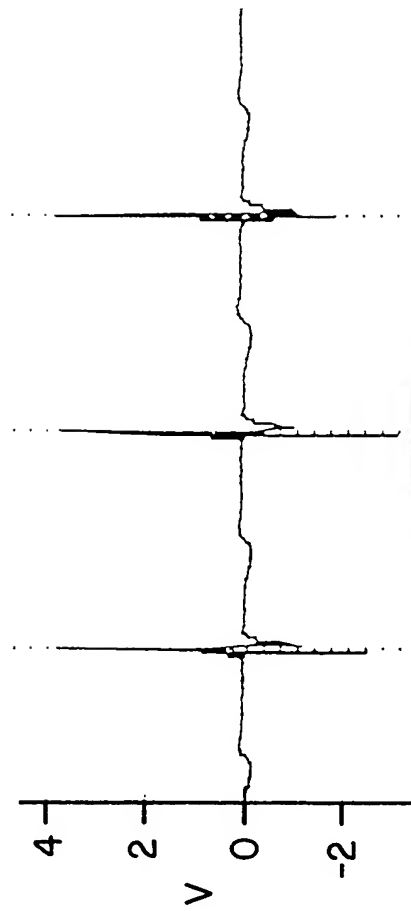
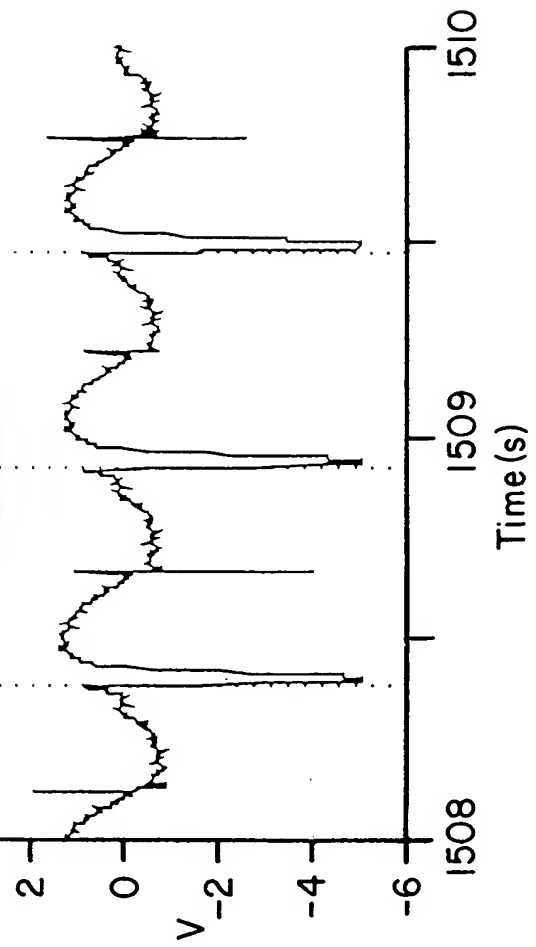


FIG. 3B



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FIG. 4

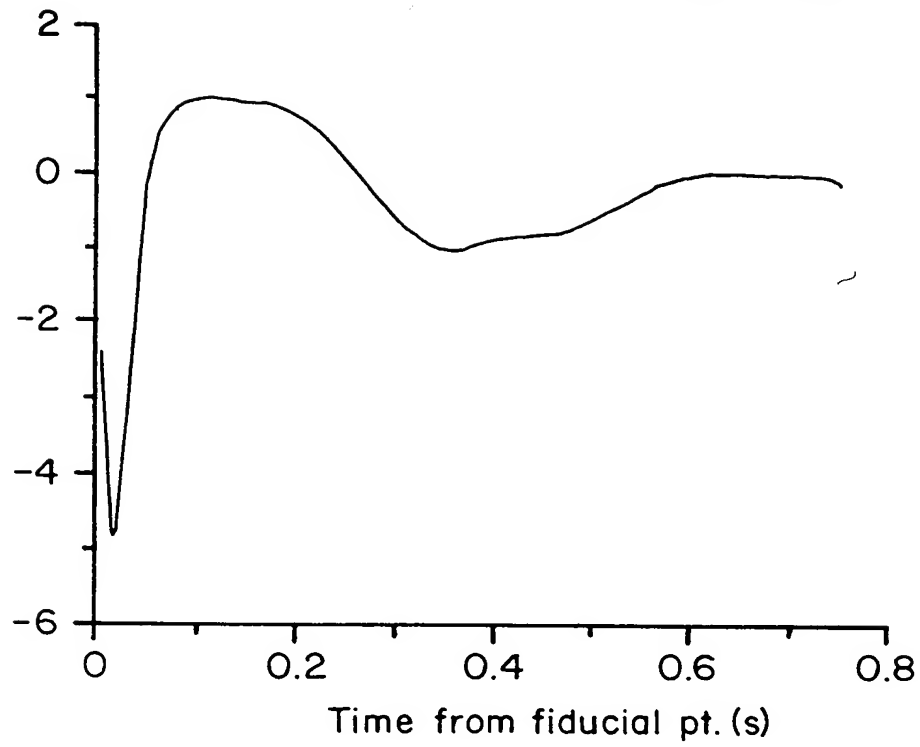
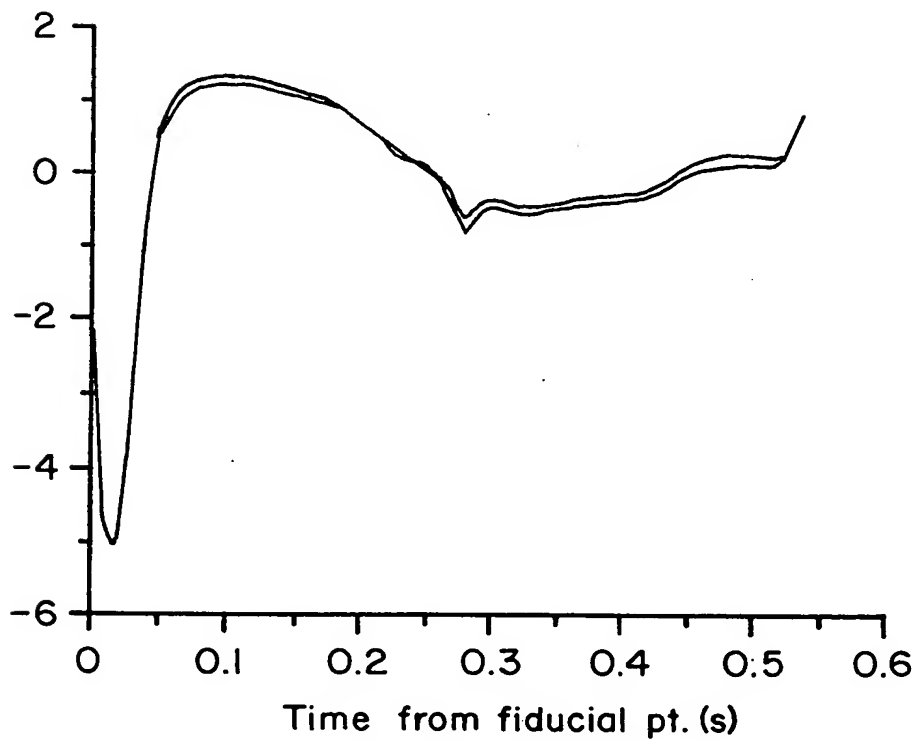


FIG. 5



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FIG. 6

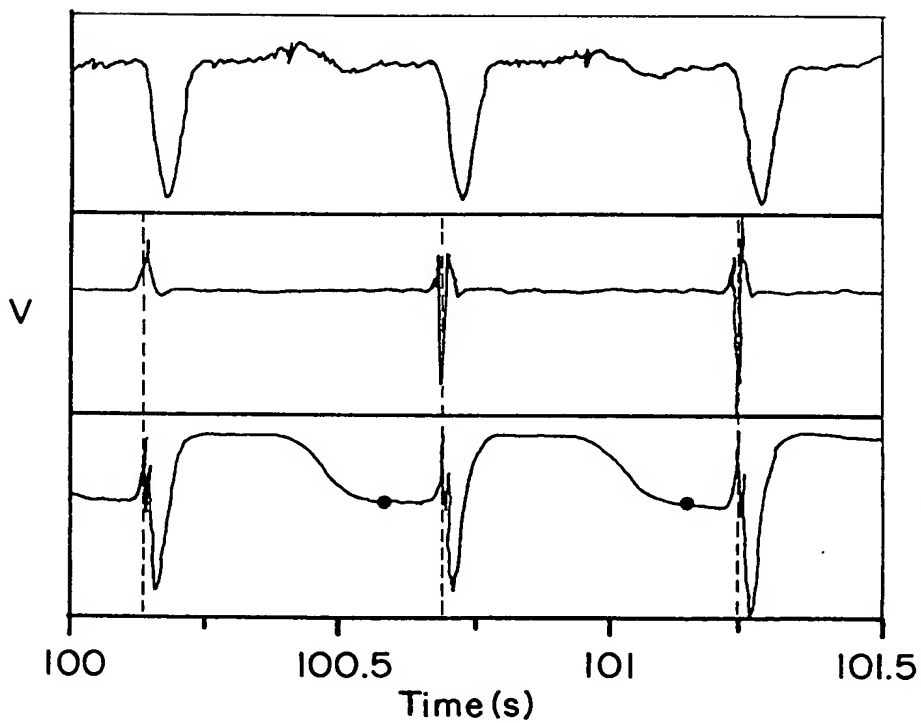
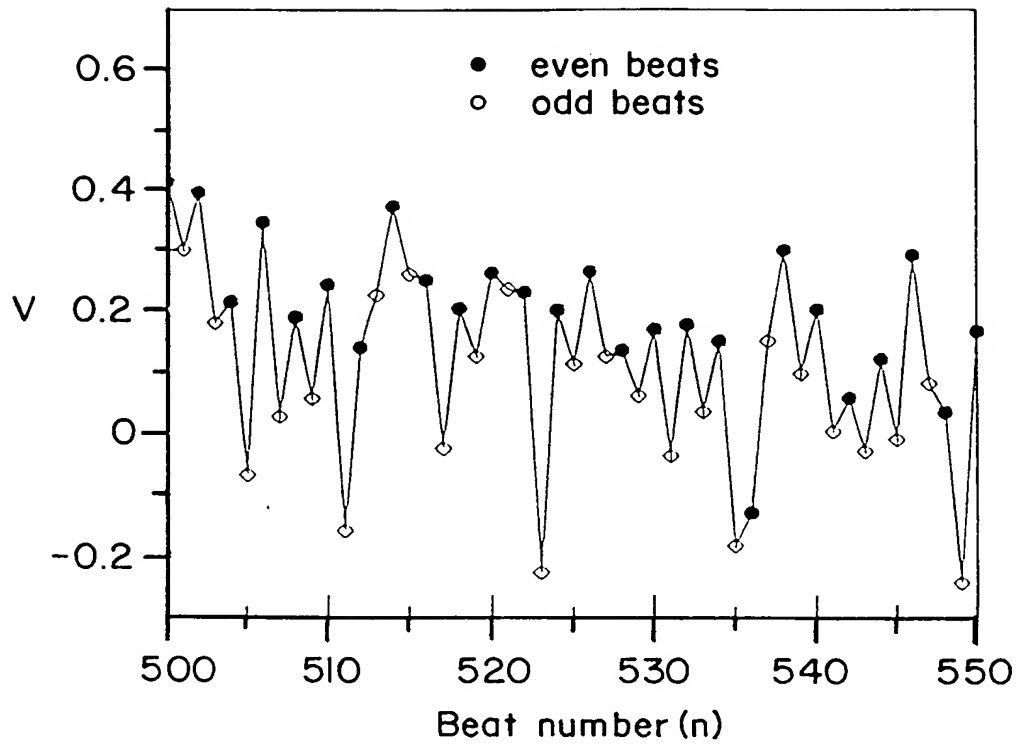


FIG. 8A

FIG. 8B

FIG. 8C

FIG. 7A

Patient	Gender	Age (years)	Antiarrhythmic medications	Beta-blockers	Cardiac diagnosis	Electrocardiogram	Electrophysiology study indication	Induced MVT	TWA	Endocardial RPA
1	F	57	-	+	NIDCM	LBBB	syncope	-	-	+
2	F	27	-	+	NIDCM	NSRA	syncope	-	+	+
3	M	64	-	+	ICM,CAD	NSRA	NSVT	+	-	+
4	M	65	-	-	NIDCM	LBBB	syncope	-	-	-
5	M	32	-	-	MVP	RVCD, NSRA	CA	-	-	-
6	M	51	-	+	ICM	AWMI, LAFB	NSVT	+	+	-
7	M	79	-	+	ICM	NSRA	syncope	-	-	-
8	F	66	-	-	CAD	IWMI, NSRA	NSVT	-	-	-
9	F	58	-	-	MR	AWMI	SVT, NSVT	-	-	-
10	M	68	-	+	ICM	IVCD, AWMI	NSVT	+	-	-
11	M	58	-	+	ICM	IVCD	NSVT	-	+	+
12	M	51	-	+	ICM	AWMI, NSRA	NSVT	-	+	+
13	M	62	-	-	-	normal	syncope	-	-	+
14	M	70	-	-	ICM	IPMI, ALRA	NSVT	-	+	-
15	M	76	-	+	ICM	1°AVB, IVCD	NSVT	+	+	+
16	F	91	-	-	CAD, HCM	LVH, ALRA	NSVT, syncope	-	+	-
17	M	61	-	+	ICM	LVH	NSVT	+	+	+
18	M	79	-	+	ICM	1°AVB, LBBB, AWMI	syncope	-	-	-
19	M	75	Amiodarone	-	CAD	RBBB, LAFB	sustained VT	-	-	-
20	M	61	-	-	ICM	LBBB	sustained VT	+	+	-
21	M	36	-	+	NIDCM	normal	CA	-	-	-

FIG. 7B

1st AVB: 1st degree atrioventricular-nodal block
ALRA: anterolateral repolarization abnormality
AWMI: anterior wall myocardial infarction
CA: cardiac arrest
CAD: coronary artery disease
HCM: hypertrophic cardiomyopathy
ICM: ischemic cardiomyopathy
IPMI: inferoposterior myocardial infarction
IVCD: intraventricular conduction delay
IWMI: inferior wall myocardial infarction
LAFB: left anterior fascicular block
LBBB: left bundle branch block
LVH: left ventricular hypertrophy
MR: mitral regurgitation
MVP: mitral valve prolapse
MVT: monomorphic ventricular tachycardia
NIDCM: non-ischemic dilated cardiomyopathy
NSRA: non-specific repolarization abnormality
NSVT: non-sustained ventricular tachycardia
RBBB: right bundle branch block
RPA: repolarization alternans
RVCD: right ventricular conduction delay
SVT: supraventricular tachycardia
TWA: T-wave alternans
VT: ventricular tachycardia

FIG. 9A

	Endocardial RPA		
TWA		+	-
	+	7	4
	-	2	8

FIG. 9B

TWA				RPA	
		+	-	+	-
MVT	+	7	2	5	4
	-	4	8	4	8

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FIG. 10A

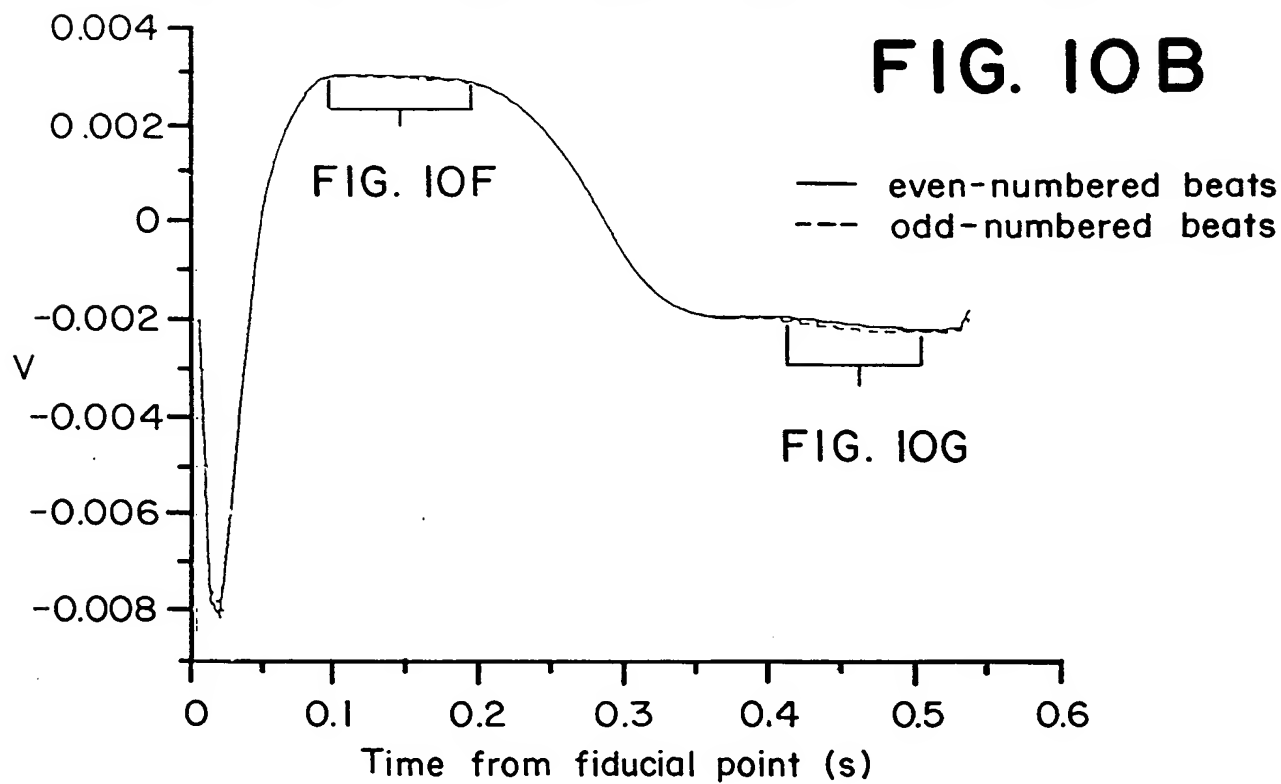
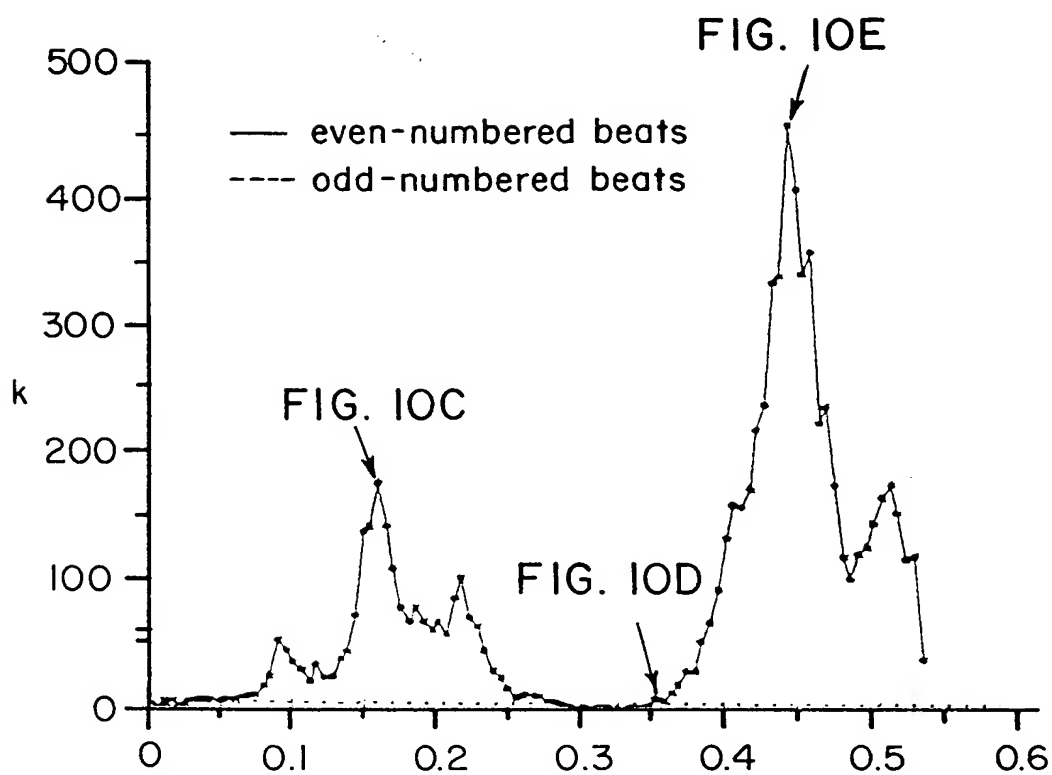


FIG. 10C FIG. 10D FIG. 10E

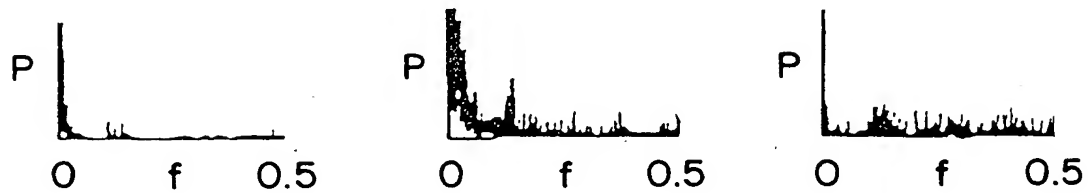


FIG. 10F

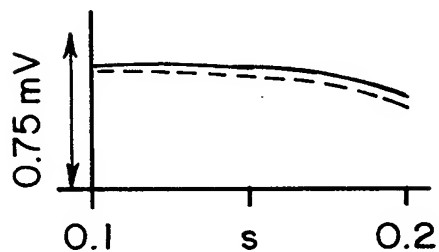


FIG. 10G

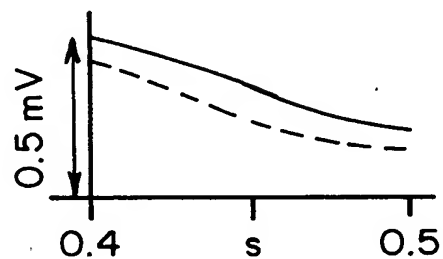


FIG. 12B

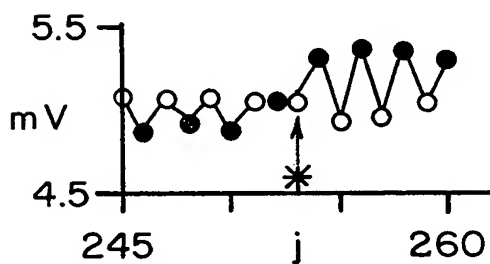


FIG. 12C

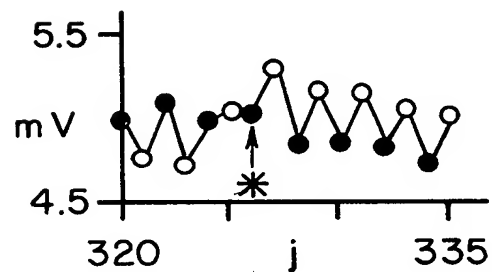


FIG. 12D

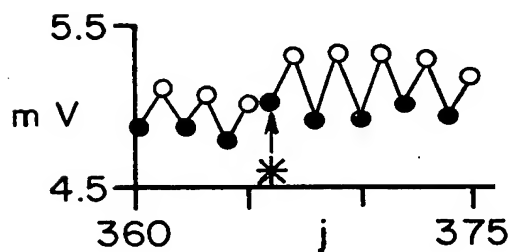


FIG. 11C

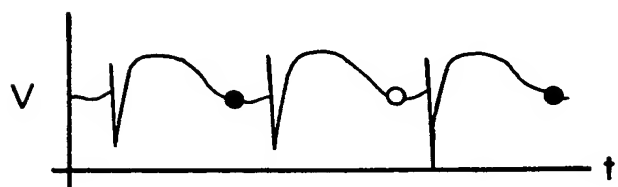


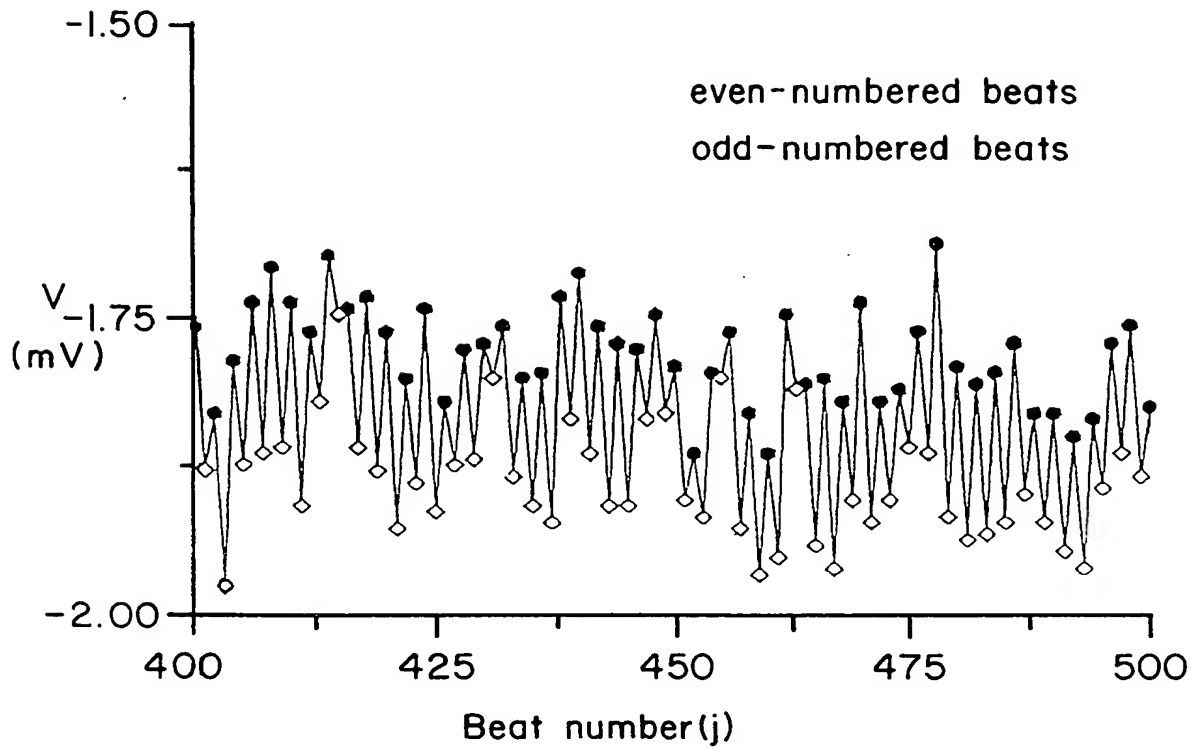
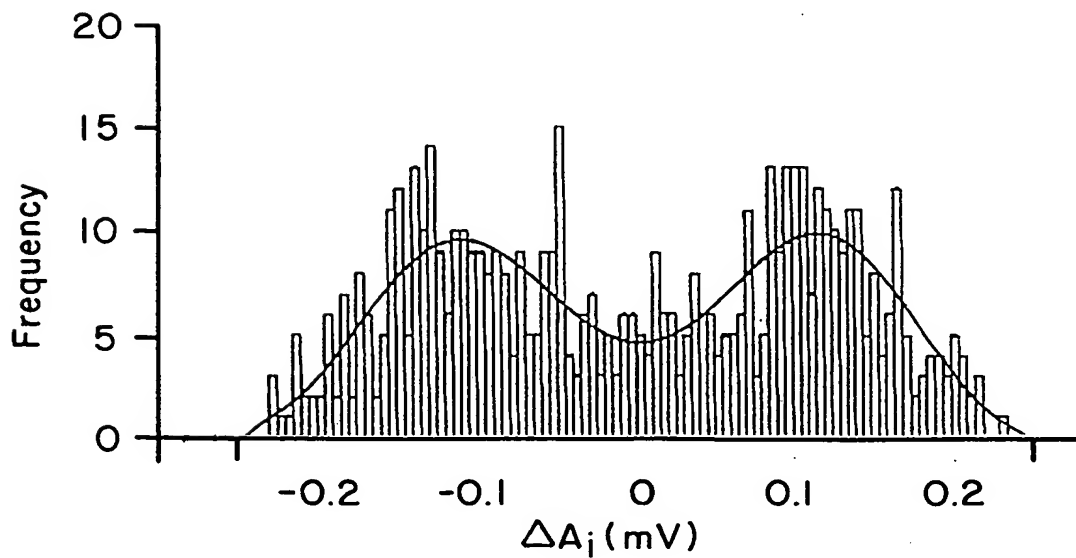
FIG. IIA**FIG. IIB**

FIG. 12A

